

Flowmeter Specifications

1. The water flowmeter must be certified by the manufacturer to record neither less than 98 percent nor more than 102 percent of the actual volume of water passing the water flowmeter when installed according to the manufacturer's instructions.
2. The water flowmeter must have a display that is readable at all times, whether the system is operating or not.
3. The water flowmeter must have a totalizer that meets the following criteria:
 - i. Is continuously updated to read directly only in acre-feet, acre-inches, gallons, cubic feet, or barrels (42 U.S. gallons)
 - ii. Has sufficient capacity, without cycling past zero more than once each year, to record the quantity of water diverted in any one calendar year;
 - iii. Has a dial or counter that can be timed with a stopwatch over not more than a 10-minute period to accurately determine the rate of flow under normal operating conditions; and
 - iv. Has a nonvolatile memory if the meter is equipped with an electronic totalizer.
4. The water flowmeter must be installed according to manufacturer's specifications and must be properly maintained according to manufacturer's recommendations, including proper winterization such as removal during the winter.
5. The water flowmeter shall be available for inspection by the representatives of the State Engineer.